

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,974,070 B2

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APPLICATION NO. : 09/924571

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Claim 3 should be corrected to read as follows:

A method for producing a construct by seamlessly, joining solid objects made up of certain sized particles, the method comprising;

a) supplying solid objects wherein the solid objects are two-phase bodies and wherein the volume percent of one phase to the other phase varies from 2 to 98;

b) supplying a joint compound having particle sizes smaller than the certain sized particles;

c) applying the joint compound to opposing surfaces of the objects to joined together;

d) heating the joint to a heating temperature of between 1000° C. and 1350° C.; and

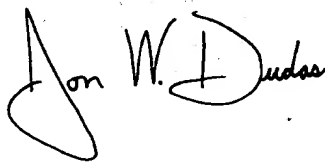
e) applying pressure to the solid objects so as to direct the opposing surfaces toward each other, wherein the joint compound is applied to a thickness that is at least five times the dimension of the largest particles contained in the joint compound, wherein superplastic deformation occurs between the objects and the joint compound.

Claim 8 should be corrected to read as follows:

The method as recited in claim 2 wherein the construct is heated to approximately 50-60 percent of the melting temperature of the lowest melting temperature constituent.

Signed and Sealed this

First Day of August, 2006

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS

Director of the United States Patent and Trademark Office